

SASPO, located within the Air Force Sustainment Center (AFSC), optimizes the alternate sourcing process and leverages opportunities for resolution of obsolescence issues enterprise-wide. SASPO accomplishes this through two mission elements: Source Development and Diminishing Manufacturing Sources and Material Shortages (DMSMS).

Source Development: Bringing solutions to supportability, affordability, and obsolescence/diminishing sources thru unique, proven, alternate sourcing processes. The objective is to identify, engage, mentor, and provide assistance to Government stakeholders and suppliers resulting in a positive effect.

DMSMS: Improving the sustainability of Department of Defense (DOD) weapon systems by reducing the impact of DMSMS through proactive identification and management of obsolete parts.

DMSMS's objective is to:

- ◆ Provide the **Predictive Tool** (Advanced Component Obsolescence Management-AVCOM) which statuses Bill of Materials (BOMs)
- ◆ Provide **Analysis & Resolution (A&R)** program to pursue logistics resolutions for parts obsolescence
- ◆ Provide an avenue to electronically communicate component unavailability issues arising from manufacturers notice of production discontinuance to process Life-of-Type buys of DLA managed/purchased items



Strategic Alternate Sourcing Program Office

For more information on SASPO,
Visit: <http://www.tinker.af.mil/Home/429SCMSASPO.aspx>

To Reach the DMSMS Program Office,
Email 429SCMS.SASPO.Workflow@us.af.mil
For Assistance Please Call,
Strategic Sourcing: DSN: 336-7373, COM: (405) 736-7373
DMSMS: DSN: 892-7340, COM: (405) 622-7340



Strategic Sourcing

Successes To Date

- ◆ Over **\$133M** in savings on overhauled commercially-owned parts
- ◆ Over **\$59M** in savings awarding contracts to alternate sources added through the SAR process
- ◆ Coordinated the development of a repair procedure for the ATCAL5 Diplexer
- ◆ Approximately **\$989M** cost avoidance for Sustaining Engineering program resolving obsolescence and DMSMS issues across multiple engine and aircraft platforms.



Source Approval Requests (SARs)

A qualification process the AF utilizes to qualify sources of supply or repair

- ◆ Provide Qualification Requirements to industry through beta.SAM.gov.
- ◆ Perform quality checks of SAR packages
- ◆ Driving standard operating procedures within the source approval process

Repair Development

Matching industry capabilities and new technologies to AF requirements

- ◆ Increase propulsion blade and vane repairs
- ◆ Evaluating consumable items for potential repair versus buy
- ◆ Evaluating Repair Development projects to increase competition

Reverse Engineering

Provide program management for competitive reverse engineering projects

- ◆ Coordinated reverse engineering efforts for F100 engine cables
- ◆ Working with Air Force Research Lab (AFRL) and Department of Energy Labs
- ◆ Coordinated reverse engineering for the C-17 Fire Extinguisher Bottle

Marketing Strategies

Marketing AF requirements to the industry

- ◆ Host focused Industry Days
- ◆ Provide targeted requirements to industry for consideration of SAR submittals and repair development
- ◆ Exterior-facing website with requirements data and source qualification resources

End-of-Life (EOL)

The EOL provides the AF an avenue to electronically communicate component unavailability issues arising from manufacturers notice of production discontinuance. Provides capability to receive, process, and communicate Life-of-Type buys of DLA managed/purchased items to DLA. This process supports the supply chain to assure future component availability.

- ◆ Allows AF that last chance to purchase a life time supply of parts before the manufacturer actually discontinues production
- ◆ Reduces future mission impacts by ensuring DLA receives AF Lot Buy requirements for EOL components to sustain systems for life
- ◆ Formerly known as the Air Force Module-Shared Data Warehouse
- ◆ Provides improved consistency in research and resolution

DMSMS



Predictive Tool (AVCOM)

AVCOM provides the capability to instantly status weapon system health across the enterprise.

- ◆ Provides a proactive approach to obsolescence management which allows users to resolve issues before they can affect supportability
- ◆ Provides important attributes above and beyond the normal piece part characteristics, for Hardness Critical Items (HCI), Critical Safety Items (CSI), Radiation Hardness (Rad Hard) and can track unlimited BOM indentured levels
- ◆ Reduces MICAPS, increases system availability by providing obsolescence impact resolutions
- ◆ Maintain compliance with AFMCI 63-1201 "Operational Safety Suitability and Effectiveness (OSS&E) and Life Cycle System Engineering (LCSE)"
- ◆ Provides users the capability to share previously resolved DMSMS issues with other users
- ◆ Provides the capability to maximize return on investment and bolsters DMSMS management effectiveness and obsolescence identification for AF weapon systems

Analysis and Resolution (A&R)

A&R provides weapon system managers with the resources to perform system studies and proactively identify and resolve component unavailability issues before impacting supportability. Provides the resources to reactively solve part obsolescence issues with a timely cost effective resolution

- ◆ Increase of weapon system availability, capability, war readiness, mission capability
- ◆ Identification of Form ,Fit, Function,& Interface replacement parts to accomplish repairs at all organic and contractor repair facilities
- ◆ Identification of component manufacturers and commercial market availability sources for replacement parts
- ◆ Identification of commercial repair sources to satisfy current DMSMS repair requirements
- ◆ Proactive identification of DMSMS component sources to mitigate DMSMS problems before they occur thus avoiding expensive redesign projects